

120085 TET(m)/BPF(-)/BFR/BUP(j)/T Pr-4/Pr-4/Pr-4 RFL BY/ED

ACCESSION NR: AP5000745

S/6191 64 040 012 0006730063

VAL'GOR Berlin, A.A., Kefeli, T. Ya., Svergin, Yu. M., Filippovskaya, Y. M., Ivakina, I. P., Shashkova, V. T.

TITLE: Properties of cured polyester acrylates with varying polymerization coefficients

SOURCE: Plasticheskiye massy*, no. 12, 1964, 6-9

TOPIC TAGS: polyacrylic resin, polyester acrylate, cured polymer, polymer mechanic property, polymerization coefficient, polymerization initiator, polymethacrylate

ABSTRACT: Homologs of dimethacrylate-bis-(diethyleneglycol) phthalate (MDP) with a coefficient of polymerization $\alpha = 5$ were homopolymerized or copolymerized with a free radical initiator; the solids obtained showed a monotonic decrease in hardness and increase in impact strength and impact toughness with the increasing polymerizability of the oligomer, while the tensile strength reached a maximum at a coefficient of polymerization coefficient $\alpha = 1$. The liquid homologs with a polymerization coefficient $\alpha = 5$ and 20, a viscosity of 0.8-0.9 cStokes, a molecular weight of 500-5000, and having the general formula $\text{H}_2\text{C}:\text{C}(\text{CH}_3)\text{C}(\text{:O})\text{OCH}_2\text{CH}_2\text{OCH}_2\text{CH}_2\text{O}-[\text{C}(\text{:O})\text{C}_6\text{H}_4\text{C}(\text{:O})\text{OCH}_2\text{CH}_2\text{O}-\text{CH}_2\text{CH}_2\text{O}-]_n\text{C}(\text{:O})\text{C}(\text{CH}_3)\text{CH}_2$ (n being the coefficient of polymerization) were obtained by a previously published method of condensation from phthalic anhydride, diethylene glycol, and methacrylic acid. The homo- and 0.5:0.5 copolymers were glassy or elastomeric solids, depending on

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L 19004-65

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the coefficient of polymerization, and the mechanical strength of the copolymers was slightly improved as compared with the properties of the homopolymers. The increase in tensile strength with a decrease in the coefficient of polymerization from 5 to 2 is ascribed to an increase in crosslinking, while the lower strength at a coefficient of 1 is ascribed to structural stress and a decrease in orientation capability. Swelling tests in acetone vapor proved that swelling increased with the magnitude of the oligomer block, as expected from the theory, along with increases in water absorption and combustibility. The polymers were resistant to aqueous solution of 1 and 10% NaOH, 3 and 30% H₂SO₄, 10% NaCl, 5% CH₃COOH, and to ethane and heptane, but not to dichloroethane, 5% phenol, or concentrated H₂SO₄. Orig. art. has: 3 tables, 3 figures and 1 chemical formula.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: MT

NO REF SOV: 008

OTHER: 005

Card 2/2

L 321 APPROVED FOR RELEASE 06/13/2000 CIA-RDP86-00513R000721420008-7
ACC NR: AP6012139 (A) SOURCE CODE: UR/0413/68/000/007/009/0057420008-7

INVENTOR: Berlin, A. A.; Kefeli, T. Ya.; Filippovskaya, Yu. M.; Sivergin, Yu. M.; Korolev, V. V.; Makhonina, L. I.; Leogon'kiv, B. I. B

ORG: None

TITLE: Preparation of polyacrylate esters. Class 39, No. 180335

SOURCE: Izobreteniya, promyshlennyye obrastsy, tovarnyye znaki, no. 7, 1966, 57

TOPIC TAGS: polyester, acrylate, polymerization

ABSTRACT: An Author Certificate has been issued describing a method of preparing polyacrylate esters by low-temperature polymerization in bulk of monomeric and oligomeric acrylate esters in the presence of peroxide initiators. To speed up the process the system benzene peroxide plus polyazophenylene plus filler with a developed surface such as PK-3, K-40 is suggested as the initiator. The polymerization is carried out in the presence of an inhibitor of medium potency, for instance benzoquinone or diphenylamine. [LD]

SUB CODE: 11,07 SUBM DATE: 22Aug62

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UDC: 678.674'2'0

L 46994-66 EXP(j)/EWT(m)/T IJP(c) RM/WW
ACC NR: AP6027275 (A) SOURCE CODE: UR/0191/66/000/008/0018/0021

AUTHOR: Parlin, A. A.; Ignatyuk, A. G.; Kefeli, T. Ya.; Sel'skaya, O. G.; Sivergin, Yu. M.; Komleva, L. K.

32
31
B

ORG: none

TITLE: Xylitol oligoester acrylates and some properties of their polymers

SOURCE: Plasticheskiye massy, no. 8, 1966, 18-21

TOPIC TAGS: acrylate, xylitol, polycondensation, adipic acid, sebacic acid, phthalic anhydride

ABSTRACT: The synthesis and polymerization of oligoester acrylates (OEA) based on xylitol and some properties of products of their curing were studied. The synthesis was carried out by the condensation tetromerization method and involved the reaction of xylitol with adipic acid, sebacic acid or phthalic anhydride, with methacrylic acid as the monofunctional telogen, H_2SO_4 or p-toluenesulfonic acid as the catalyst and hydroquinone as the inhibitor. As indicated by the amount of water formed by the reaction and by the analysis of physicochemical properties of the synthesized OEA, the polyesterification reaction in toluene does not involve xylitol itself, but its 1,4-monoanhydride (xylitan). The degree of dehydration of xylitol depends on the nature of the catalyst: it was much greater in the presence of H_2SO_4 than in the presence of p-toluenesulfonic acid. The conditions of synthesis of the product of the reaction with

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UDC: 678.674'65'52'28.01:539.2

KEFELI, V.I.; TURETSKAYA, R.Kh. (Moskva)

Mechanism of the action of natural plant growth inhibitors. Usp.
sovr.biol. 57 no.1:99-114 Ja-F '64. (MIRA 17:5)

KEFELI, V.I.; TURETSKAYA, R.Kh.

Method for determining the free auxins and inhibitors in
woody plant tissues. Fiziol. rast. 10 no.4:493-496 Jl-Ag '63.
(MIRA 16:8)

1. Timiriazev Institute of Plant Physiology, U.S.S.R. Academy
of Sciences, Moscow.

KEFELI, V.I.

Biogenic inhibitors. Priroda 51 no.9:117-119 S '62.

(MIRA 15:9)

1. Institut fiziologii rasteniy im. K.A. Timiryazeva AN SSSR,
Moskva.

(Growth inhibiting substances)

KEFELI, V.I.

Biochemical classification of the fungus *Piricularia* producing
physiologically active substances. Bot. zhur. 47 no.9:1318-1326
S '62. (MIRA 16:5)

1. Institut fiziologii rasteniy AN SSSR, Moskva.
(*Piricularia*) (Rice--Diseases and pests)

TURETSKAYA, R.Kh.; KEFELI, V.I.

Some characteristics of natural plant growth inhibitors. *Fiziol. rast.* 10 no.1:98-104 Ja-F '63. (MIRA 16;5)

1. K.A.Timiriazev Institute of Plant Physiology, U.S.S.R.
Academy of Sciences, Moscow.
(Growth inhibiting substances)

KIEFELI, V.I.

Plant hormones. Priroda 52 no.2:78-79 '63.

(MIRA 16:2)

1. Institut fiziologii rasteniy AN SSSR, Moskva.
(dibberellin)

TURETSKAYA, R.Kh.; KEFELI, V.I.; KOF, E.M.

Interaction of heteroauxin and gibberellin during the formation
of roots and shoots in willow cuttings. Dokl. AN SSSR 148 no.2:
461-464 Ja '63. (MIRA 16:2)

1. Institut fiziologii rasteniy im. K.A. Timiryazeva AN SSSR.
Predstavлено академиком A.L. Kursanovym.
(Indoleacetic acid) (Gibberellin) (Plant cuttings)

KEFELI, V.I.; DEVYATKINA, G.A.; KORENEVA, V.M.; DUBOVAYA, I.P.

Rhythmic nature of the growth process. Fiziol. rast. 11
no. 3:496-505 '64. (MIRA 17:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut fitopatologii.

KEFELI, V.I.; TURETSKAYA, R.Kh.; SARAPUU, L.P.

Identification of physiologically active indole and phenol plant
growth regulating compounds. Fiziol. rast. 11 no.5:853-861
S-O '64. (MIRA 17:10)

1. Timiriazev Institute of Plant Physiology, U.S.S.R., Academy
of Sciences, Moscow.

CHAYLAKHYAN, M.K.; TURETSKAYA, R.Kh.; NEKRASOVA, T.V.; KEFELI, V.I.;
SUKHAREVA, Z.I.

Period of dormancy and change in the content of physiologically
active substances in peach seedlings. Dokl. AN Arm. SSR 40
no.4:243-247 '65. (MIRA 18:6)

1. Institut fiziologii rasteniy imeni Timiryazeva AN SSSR.
2. Chlen-korrespondent AN Armyanskoy SSR (for Chaylakhyan).

Submitted September 15, 1964.

KEFELI, V.I.

Natural growth promoting substances in willow leaves and buds.
Dokl. AN SSSR 162 no.2:462-464 My '65. (MIRA 18:5)

1. Institut fiziologii rasteniy im. K.A.Timiryazeva AN SSSR.
Submitted August 20, 1964.

KEFELI, V.I.

Professor P.Waring's visit to the U.S.S.R. Vest. AN SSSR 35
no. 6299 Je '65. (MIRA 18:3)

KEFELI, V.I.; TURETSKAYA, R.Kh.

Participation of phenolic compounds in the inhibition of auxin activity and suppression of the growth of willow shoots. Fiziol. rast. 12 no.4:638-645 Jl-Ag '65.

(MIRA 18:12)

1. Institut fiziologii rasteniy imeni K.A.Timiryazeva AN SSSR, Moskva. Submitted August 25, 1964.

KEFER, V., inzh.; CHERNICHENKO, V., inzh.

Experimental study of the performance of an air washer,
Khol.tekh. 37 no.2:25-27 My-Ap'60.

(MIRA 13:10)

1. Makeyevskiy nauchno-issledovatel'skiy institut bezopasnosti rabot
v gornoj promyshlennosti.

(Air conditioning)

PETROSYANTS, Ye.A., starshiy nauchnyy sotrudnik, KEFER, V.N., mladshiy nauchnyy sotrudnik

Changes in carbohydrate metabolism in keratoconus. Oft.zhur.
13 no.5:292-295 '58 (MIRA 11:10)

1. Iz Ukrainskogo nauchno-issledovatel'skogo eksperimental'nogo instituta glaznykh bolezney i tkanevoy terapii imeni akademika V.P. Filatova (direktor - prof. N.A. Puchkovskaya).
(CARBOHYDRATE METABOLISM)
(CORNEA-DISEASES)

KEFER, V., nauchnyy sotrudnik; KHOKHOTVA, N., nauchnyy sotrudnik.

Air cooling in deep mines. Mast. ugl. 6 no. 7:13-15 Jl '57.

(MLR 10:9)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti
rabot v rodnoy promyshlennosti.

(Temperature--Cooling) (Coal mines and mining)

AUTHOR: Kefer, V., Engineer.

66-1-6/26

TITLE: Water cooling towers for small cold stores. (Gradirnya dlya malykh kholodil'nykh ustyanovok).

PERIODICAL: "Kholodil'naya Tekhnika" (Refrigeration Engineering), 1957, No.1, pp.21-23 (U.S.S.R.)

ABSTRACT: Small cold stores of 4000 kcal/hr and more cooling capacity with water cooled condensers raise the question of economics of cooling the cooling water. A small size indoor film-type cooling tower with artificial blowing of the air was developed by I. Ioanno and I. Blinshteyn, Fig.1. Its dimensions are 1.2 x 0.8 x 2.3 m and it can be placed in the same room as the compressor unit. Two small fans, each driven by 0.15 kW motor, drive the air upwards into the atmosphere through the cooling tower whilst the water is flowing downwards at a speed of 5 m/sec, the heat exchange surface being 10 m². Even under unfavourable test conditions the thermal capacity was 5060 kcal/hr. Use of such an indoor cooling tower enables reduction of the water consumption from 600 to about 40 to 50 litres/hr at the expense of an electricity consumption of about 1.2 kW. There are 2 figures.

AVAILABLE:

Card 1/1

KEFER, V. inzh.

Some features of air conditioning in mines. Khol.tekh. 35 no.5:13-16
S-0 '58. (MIRA 11:11)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasno-
sti rabot v gornoj promyshlennosti.
(Coal mines and mining) (Air conditioning)

14(1)

SOV/66-59-5-9/35

AUTHOR: Kefer, V. Engineer

TITLE: Experimental Investigation of a Mining Spray-Type Air-Cooler

PERIODICAL: Kholodil'naya tekhnika, 1959, Nr 5, pp 36-39 (USSR)

ABSTRACT: The process of underground air-cooling is in certain ways different from overground air-cooling, principally in view of the high coefficient of moisture fall-out, of the great differences in air temperature in the cooler and of the enormous volume of ventilation air under cooling. Comparison of the various systems of air-cooling shows the advantages of the spray-type cooler. In the laboratory for air-conditioning of MakNII experimental investigations were conducted of the work of a spray-type air-cooler and results compared with those obtained by Gogolin, elaborated by Engineer B. Barkalov and resumed in the formula:

$$\mu = 2.52 [\omega \gamma]^{-0.535} \left[\frac{1}{\gamma - 1 - E} \right]^{1.175}$$

where $\omega \gamma$ = average quantity in weight units (kg/sec m^2) μ = coefficient of spraying

E = coefficient of effectiveness of process

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SOV/66-59-5-9/35

Experimental Investigation of a Mining Spray-Type Air-Cooler

Graph 2 shows the results of the investigation of the author in comparison with the results arrived at by Gogolin in experimenting with over-ground spray-type air-coolers.

There are 3 graphs and 3 references.

ASSOCIATION: Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti rabot v gornoj promyshlennosti (Makeyevka Scientific Research Institute on Mining Safety)

Card 2/2

KEFER, Vladimir Nikolayevich. Prinimal uchastiye PONIZKO, T.A., inzh..
ABRAMOV, F.A., prof., doktor tekhn.nauk, retsenzent; DUGANOV,
G.V., dotsent, kand.tekhn.nauk, retsenzent; USHAKOV, K.Z.,
otv.red.; OKHRIMENKO, V.A., red.izd-va; IL'INSKAYA, G.M.,
tekhn.red.

[Mine air cooling systems] Shakhnye vozdukhokhladitel'nye
ustanovki. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu
delu, 1960. 67 p. (MIRA 13:6)

1. Zaveduyushchiy kafedroy Rudnichnoy ventilyatsii i tekhniki
bezopasnosti Dnepropetrovskogo gornogo instituta (for Abramov).
2. Kafedra Rudnichnoy ventilyatsii i tekhniki bezopasnosti Dnepro-
petrovskogo gornogo instituta (for Duganov).

(Coal mines and mining--Air conditioning)

KEFER, V.N.; CHERNICHENKO, V.K.

Lewis ratio for shaft air washers. Khol.tekh.38 no.2:63-64
Mr-Ap '61. (MIRA 14:3)
(Air conditioning)

KEFER, V.N., inzh.; CHERNICHENKO, V.K.

Results of studying mine air coolers. Trudy Sem.po gor.teplotekhn.
no.3:91-99 '61. (MIRA 15:4)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti
rabot v gornoj promyshlennosti.
(Mine ventilation)

KEFER, V.N., inzh.

Result of standardizing mine air-cooling apparatus. Trudy Sem.po
gor.teplotekh. no.3:100-105 '61. (MIRA 15.4)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti
rabot v gornoj promyshlennosti.
(Mine ventilation)

KEFER, V.N., inzh.

Methods of artificially dehumidifying mine air and their power indices. Trudy Sem.po gor.teplotekh. no.4:121-126 '62.

(MIRA 15:8)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti rabot v gornoj promyshlennosti.
(Mine ventilation) (Electricity in mining)

KEFER, V.N.; KHOKHOTVA, N.N.

Investigating the process of mine air cooling in the laminar
flow spray air cooler under laboratory and mine conditions.
Trudy MakNII 10:85-100 '60. (MIRA 15:10)
(Coal mines and mining—Air conditioning)

KEFER, V.N.; CHERNICHENKO, V.K.

Study and selection of a type of mine "dry" air coolers. Vop. bezop.
v ugol'. shakh. 13:124-137 '62. (MIRA 16:5)

(Mine ventilation—Cold weather conditions)

KEFER, V.N.; CHERNICHENKO, V.K.

Study of the basic parameters of spraying air coolers for mines.
Vop. bezop. v ugol'. shakh. 13:138-149 '62. (MIRA 16:5)

(Mine ventilation—Cold weather conditions)

DUGANOV, G.V., doktor tekhn. nauk; SHTAN'KO, I.M., inzh.; KEFER, V.N.,
kand. tekhn. nauk; KRIVOPOLYANSKIY, L.N., inzh.

Experimental study of the parameters of air cooling equipment
at the Sadon Mine. Izv. vys. ucheb. zav.; gor. zhur. no.8:76-81 '64
(MIRA 18:1)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gornyy
institut imeni Artyoma (for Duganov, Shtan'ko). 2. Makeyevskiy
nauchno-issledovatel'skiy institut po bezopasnosti rabot v
gornoy promyshlennosti (for Kefer, Krivipolyanskiy).

KEFER, V.N., kand. tekhn. nauk; TCHIKEL'NAI, N.N.

Heat and mass transfer in air coolers with rounded fins. Khol.
tekhn. 42 no.4:36-39 Ju-Ag '65. (MIRA 18:9)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti
rabot v gornoj promyslennosti.

KWIECIŃSKA, MARIA

Materiały do fally jatek Wielkopolski. Poznań, Państwowe Wydawnictwo Naukowe, 1956. 30 p. (Polskie Towarzystwo Przyjaciół Nauk. Komisja Biologiczna. Prace, t. 18 zesz, 3) [Source materials on the fauna of Palaearctica in Great Poland. English and Russian summaries. Illus., bibli, fo. notes/

ACCESSION : East European Collection (EEC) Library of Congress, Vol. , No. 1
January 1957

KIELCE, POLAND, 1960.

Nowe dane dotyczące jetełek (Ephemeroptera) z rezerwatu Ametrora Alb. i Echinisia Lest
Poznań, Poland; Pojst. owo Wydawn. Naukowe, 1959- 31 P

Monthly List of East European Accessions (EIAI) LC, Vol. 9, no.2, Feb. 1960

Uncl.

KEFROV, V.

Kefrov, V. - "The fourth prize", (On the Moscow Power Institute imeni Molotov, outline), Ogonek, 1949, No. 17, p. 4-5.

SO: b-h110, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 19, 1949).

KEFURT, K.

Inst. for Organic Chem.

Distr: 4E2c(j)

5
1. pag (NB)

Chloromethylation of some thiophene derivatives. R.
Lukáš, M., Janda, and K. Kefurt (Vysoká škola chem.
technol., Prague). Collection Czech. Chem. Commun. 25,
1058-62 (1960) (in German). Chloromethylation of 2-acetyl-
thiophene (I), Me thiophene-2-carboxylate (II), and 2-vinyl-
thiophene (III) gave the 5-chloromethyl derivs. (IV) of I,
(V) of II, and (VI) of 2-(3-chloro-1-propenyl)thiophene
(VI), resp. Introducing in 3 hrs. at 30° dry HCl into
12.6 g. I, 4.5 g. (HCHO), 3.4 g. anhyd. ZnCl₂, and
50 ml. dry CHCl₃, decomp., with 100 ml. cold H₂O,
extg. with CHCl₃, neutralizing the exts., drying with
CaCl₂, and distg. gave 10 g. I and 1 g. IV, b.p. 120-3°.
Similarly, 8 g. II gave 5.0 g. II and 2 g. V, b.p. 93°.
Adding dropwise in 30 min. at 50° 44.5 g. I to 91.5 g. 40% aq.
HCHO and 182 ml. 37% aq. HCl, heating 2 hrs. at 50-60°,
pouring the cooled mixt. into 500 ml. cold H₂O, extg. with
Et₂O, neutralizing the exts., drying, and distg. gave 32 g. I
and 3.6 g. IV. Adding dropwise in 15 min. at 40° 27.5 g. III
to 21.2 g. 35% aq. HCHO, 125 ml. 37% aq. HCl, and 0.5 g.
8 (polymerization inhibitor), stirring the mixt. 80 min., and
working up as above gave 2 g. VI, b.p. 103-0° (the distn. resi-
due resinsified). Oxidn. of IV and VI with KMnO₄ in alk. medium
and of V with HNO₃ (d. 1.3) gave thiophene-2,5-dicarboxylic acid (di-Me ester m.p. 148.5-9.5°). Satg. 8 g.
Rt 8-(2-thienyl)crotonate in 150 ml. abs. EtOH with dry
HCl, heating the mixt. to the b.p., and repeating this proce-
dure 3 times in 5 hrs. gave 7 g. unchanged starting compd.
Adding dropwise with agitation in 15 min. 36 g. I in 100 ml.
Et₂O to 4.2 g. LiAlH₄ in 250 ml. Et₂O, refluxing the mixt. 7
hrs., and decomp. with aq. alkali gave 30.7 g. 2-thienyl-
methylcarbinol, b.p. 91-4°. J.H. Pliml

CZECHOSLOVAKIA

JARY, J; KEFURT, K.

Monosaccharide Laboratory, Technical College of
Chemistry (Laboratorium für Monosaccharide,
Technische Hochschule für Chemie), Prague (for both)

Prague, Collection of Czechoslovak Chemical Communica-
tions, No 5, May 1966, pp 2059-2067

"Lactones. Part 10: -lactone of 4,6-didesoxy-L-
xylohexonic acid."

LUKES, R. [deceased]; JARY, J.; KEFURT, K.

Lactones. V. Stereochemistry of hydroxylation of angelactic acid.
Coll Cz chem 26 no. 6: 1568-1572 Je '61.

1. Laboratorium fur heterocyclische Verbindungen, Tschechoslowakische
Akademie der Wissenschaften, Prag.

(Lactones) (Hydroxylation)

JARY, J.; KEFURT, K.

On lactones. Part 8: Stereospecific trans-hydroxylation of
angelactic acid. Coll Cs Chem 27 no.11:2561-2566 N '62.

1. Laboratorium fur Monosaccharide, Technische Hochschule fur
Chemie, Prag.

JANÝ, J; KEFUHT, K.

Czechoslovakia

Laboratory for Monosaccharide, Technical High School
for Chemistry -- Prague - (for all)

Prague, Collection of Czechoslovak Chemical Communi-
cations, No 11, 1962, p. 2561-2565

"On Lactone VIII. Stereospecific trans-hydroxylation
of Angelactic Acid."

KEGA, Wiktor

Rehabilitation in poliomyelitis in the light of recent views.
Chir.narz.ruchu 24 no.3:177-187 '59.

1. Z Kliniki Ortopedycznej A.M. w Poznaniu. Kierownik: prof.dr
W. Dega.
(POLIOMYELITIS rehabilitation)

KEGAMYAN, R.

Wire-reinforced concrete ties for narrow-gauge railroad
construction. Prom.Arm. 4 no.9:44-45 S '61. (MIRA 14:11)

1. Armgiprotsvetmet.

(Armenia—Railroads, Narrow-gauge—Ties, Concrete)

KEGAMYAN, R.

Complex ore deposit of Mekhmana and the project for its industrial development. Prom. Arm. 5 no. 3:56-57 Mr '62. (MIRA 15:4)
(Mekhmana - Ore deposits)

KOGAN, B. M.

On 14 June 1946, at the Power Engineering Institute 'meni Molotov', defended his dissertation on "Indicator Contactless Selsyns". Official opponents - Doctor of Technical Sciences D. A. Gorodskiy, and Doctor of Technical Sciences Professor N. V. Gorokhov.

So: Elektrichestvo, No 4, April 1947, pp 90-94 (U-5577, 18 February 1954)

The theory of a selsyn circuit for transmitting rotary motion was worked out for a system having a transmitter and receiver with different parameters. A theory was presented for calculating the synchronizing moment in angle transmission from a single transmitter to several receivers. The effect was investigated of various factors on the precision of angle transmission, particularly the effect of a nonsinusoidal curve of self-induction as a function of the angle of rotary motion of the selsyn. An experimental verification was made of the formulas derived and of the results of the selsyn circuits.

So: IBID

KEGEL

USSR / Pharmacology, Toxicology, Chemotherapeutic Agents.

U-7

Abs Jour : Ref. Zh.-Biol., No 2, 1958, No 8176

Author : Kegel

Inst

Title : Immediate Results of Treatment with Larusane of Children and Adolescents

Orig Pub : Klinika i Terapiya Tuberkuleza i Organizatsiya Bor'by S nim. Sverdlovsk, 1957, 144-150.

Abstract : No Abstract.

Card : 1/1

KEGEL, K.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721420008-7

Journal of Applied Chemistry
Jan. 1954
Industrial Inorganic Chemistry

① *Metal treatment with high frequencies. K. Kegel (Elektrowärme-Techn., 1953, 4, May, 53-55; J. Iron Steel Inst., 1953, 175, 224). The applications, scope, and characteristic features of furnaces operating at frequencies up to ~ 600 kilocycles are discussed. Automatic hardening of gear teeth by means of 20-kw. high-frequency equipment is described.*

PLATEK, Jerzy; KEGEL, Marian

Increasing the exactness of determining tobacco moisture by hydrophobizing the surfaces of the apparatus. Chem anal 7 no.6:1173-1176 '62.

1. Centralne Laboratorium Przemyslu Tytoniowego, Krakow.

ALEKSANDROVA, L.K., inzh.; BEREZOVSKIY, V.V., inzh.; VITKIN, A.I., doktor
tekhn.nauk; KEGELES, A.S., inzh.; SHEYER, E.A., inzh.; SHNOL', R.B.,
inzh.; SHUMNAYA, V.A., inzh.

Coating thin steel strips with plastics. Sbor. trud. TSNIICHM
no.34:70-81 '63.
(MIRA 17:4)

DAKHNOVSKIY, N.V.; KEGMLES, Ye.S.; OSADCHUK, A.D.

Extra-wide chicken house with over-all mechanization for keeping
hens on permanent litter. Ptitsvodstvo 9 no.1:17-23 Ja '59.
(MIRA 12:1)

1. Ukrainskaya opytnaya stantsiya ptitsvodstva.
(Poultry houses and equipment)

KEGELES, Ye.S. (Khar'kov)

Brachistochrone in friction rolling. Prikl. mekh. 1 no.6:111-115 '65,
(MIRA 18:7)
1. Ukrainskiy nauchno-issledovatel'skiy institut ptitsevodstva.

KEOLES, Yu.S. [Kehol's, Yu.S.], inzh.

Centralized opening and closing of cages in poultry houses. Mekh.
sill'. hosp. 11 no.11;13 N '60. (MIRA 13:11)
(Poultry houses and equipment)

KEGELIK, R.I. (Leningrad)

Method for controlling the thermal processing of meat products,
Lab. delo 8 no.4:45-46 Ap '62. (MIRA 15:5)
(MEAT-MICROBIOLOGY) (FOOD POISONING)

KEGALIS, A.S., inzhener.

Gamma-ray control of gas conduit welds. Avtog. delo 24 no.6:17-18 Je '53.
(MLRA 6:5)

1. Laboratoriya tresta No. 7 Glavneftsepetsmontazha. (Gamma rays)
(Welding)

TALALYAN, A.A.; KEGEYAN, E.M.

Average polynomial approximation in a single circle.
Dokl. AN Arm. SSR 31 no. 1:3-8. '60. (MIRA 13:9)

1. Institut matematiki i mekhaniki Akademii nauk Armyanskoy
SSR. Predstavлено акад. AN ArмSSR A. L. Shaginyanom.
(Polynomials) (Approximate computation)

KEGEYAN, E.M.

Approximation in the mean in non-Caratheodorian regions. Dokl. AN Arm.
SSR 35 no.4:145-150 '62. (MIRA 17:1)

1. Yerevanskiy gosudarstvennyy universitet. Predstavлено академиком
АН Армянской ССР А.Л. Шагиняном.

ACC NR: AP7011371

APPROVED FOR RELEASE: 06/13/2000 SOURCE: CIA-RDP86-00513R000721420008-7

AUTHOR: Kegeyan, E. M.—Kehoyan, E. M.

ORG: Yeravan State University (Yerevanskiy gosudarstvennyy universitet)

TITLE: Simultaneous approximations in a circle

SOURCE: AN ArmSSR. Izvestiya. Matematika, v. 1, no. 5, 1966, 317-330

TOPIC TAGS: approximation, polynomial solution

SUB CODE: 12

ABSTRACT: Let $H_2(D)$ denote the class of analytic complex-valued functions $f(z)$ in the unit circle D for which $\iint_D |f(z)|^2 dxdy < \infty$ ($z = x + iy$). Let

E be a closed set dense on $|z| = 1$ and let $\varphi(\xi)$ be a complex-valued continuous function given on E . The object of the paper is to find a sequence of polynomials for every similar pair of functions f and φ that would average $f(z)$ in D and simultaneously converge to $\varphi(\xi)$ uniformly on E . A closed set of positive measure on $|z| = 1$ is constructed where such an approximation is possible. It is also proven that for every measurable function $\varphi(\xi)$ given on $|\xi| = 1$ (which may be equal to ∞ on a set of positive linear measure) and for each function $f \in H_2(D)$ there exists a sequence of polynomials which

ACC NR: AP7011371

approximates $f(z)$ in the mean over D and simultaneously converges to $\varphi'(\xi)$ almost everywhere on $|\xi| = 1$. It is shown, however, that "almost everywhere on $|\xi| = 1$ " should not be replaced by "everywhere on $|\xi| = 1$ ". Orig. art. has: 48 formulas. [Based on author's Eng. Abst.] [JPRS: 40,393]

Card 2/2

KEGEYAN, E.M.

Mixed polynomial approximation. Dokl.AN Arm.SSR 31 no.3:133-140
'60. (MIRA 13:12)

1. Institut matematiki i mekhaniki Akademii nauk Armyskoy SSR.
(Functions, Analytic)

KEGEYAN, E.M.

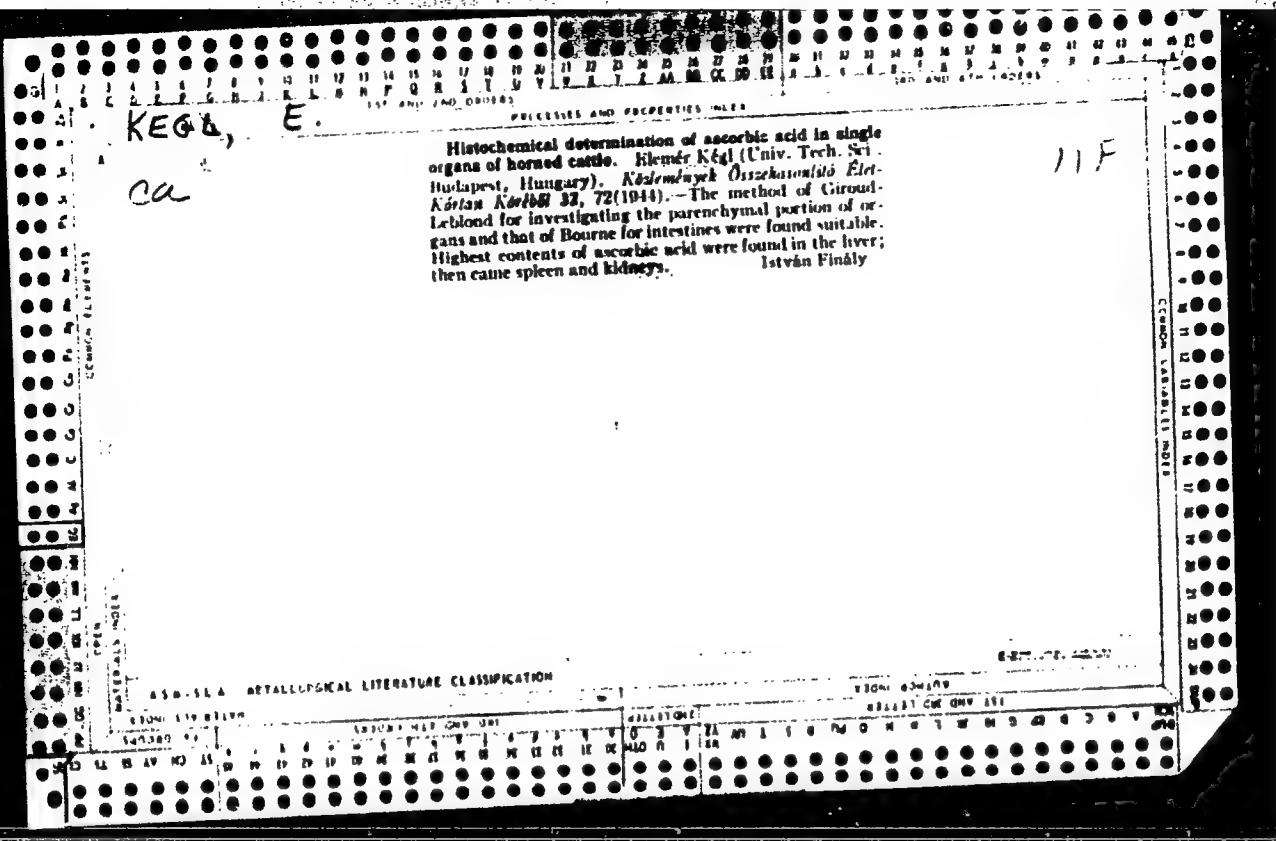
Behavior of an analytic function near the boundary of a region.
Dokl. AN Arm SSR 36 no. 58263-269 '63 (MIRA 1737)

1. Yerevanskiy gosudarstvennyy universitet. Predstavleno
akademikom AN Armyanskoy SSR M.M. Petrbashyanom.

KEGEYAN, F.M.

Radial behavior of functions analytic in a circle. Dokl. AN
Arm. SSR 37 no.5:241-247 '63. (MIRA 17:9)

1. Yerevanskiy gosudarstvennyy universitet. Predstavлено
академиком AN Armyanskoy SSR A.I. Shaginyanom.



KEGL, Janos

Laszlo Bako, 1899-1960; obituary. Jarmu mezo gep 7 no.7:
269 '60.

SZEKERES, Laszlo, dr.; KEGL, Laszlo, dr.

Soil research. Elet tud 18 no.45:1432-1434 10 N '63.

KEGL, Tamas, dr., allatorvos

Germ content of bull semen and the reduction of the germ count by applying preventive measures. Magy allatorv lap 17 no.8:296-300 Ag '62.

1. Allatorvostudomanyi Foiskola Szuleszeti es Szaporodasbiologai Tanszek es Klinika. Tanszekvezeto: Bolcsbazy Kalman dr., egyetemi tanar.

Country	:	Hungary	J
Category	:	Soil Science. Physical and Chemical Properties of Soil.	
Abs. Jno.	:	53373	
Author	:	<u>Kegl, Laszlo</u>	
Institut.	:		
Title	:	New Studies on the Effect of Soil Tilling Machines on Some Features of Soil Structure	
Orig. Pub.	:	Agrokom. es talaj., 1956, 5, No. 3, 335-350	
Abstract	:	No abstract	
Card:	1/1		

KEGL, L.

KEGL, L. - Harvesting wheat with machines. p. 12. A communication of the Ministry of Agriculture and the Ministry of State Farms on the results of the second national milking contest. p. 15. Vol. 11, no. 13, July 1956 - MAGYAR MEĐGAZDASÁG, Budapest, Hungary

SOURCE: East European Accessions List (EEAL) Vol 6, No. 4--April 1957

GALAKTIONOV, A.A., kand. arkhitektury; TRUBNIKOVA, N.M., arkhitektor;
KEGLER, A.R., arkhitektor

Residential demonstration microdistrict in Temir-Tau. Izv. ASIA
no.1:65-71 '60. (MIRA 13:9)
(Temir-Tau--City planning)

1. IV. 1964, Zagreb, S.

Radioactive Tracer Laboratory, The Josip Broz Tito University, 36 - 1000-109-164.

1. Tracer Laboratory of the Josip Broz Tito Institute, Zagreb.
Submitted June 5, 1964.

KEGLEVIC, Dina; STOJANAC, M.; DESATY, D.

The synthesis of 3,5-disubstituted indoles by cyclization under
mild conditions. Croat chem acta 33 no.2:83-88 '61.

1. Tracer Laboratory, Institute "Rider Boskovic", Zagreb,
Croatia, Yugoslavia 2. Secretary of the Editorial Board,
"Croatica chemica acta, Arhiv za kemiju" (for Keglevic).

KEGLEVIC, D.; MIHANOVIC, B.

Synthesis of 2-chloro-4,6-bis-(ethyl-[1-¹⁴C]-amino)-s-triazine
(Simazine). Croat chem acta 34 no.3:181-182 '62.

1. Tracer Laboratory, Institute "Ruder Boskovic", Zagreb, Croatia,
Yugoslavia. 2. Clan i tajnik Redakcionog odbora, "Croatica Chemica
Acta" (for Keglevic).

PRAVDICE, N.; KOLIMIC, D.

Glucuronide esters. Part I. Great. chem. acta 36 (1973-79) 164.

3. Tracer Laboratory of the Ruder Bojkovic Institute, Zagreb.

L 3702-66 EWA(j)/EWA(b)-2 JK
ACCESSION NR: AP5028235

YU/0020/65/000/002/0014/0016

AUTHOR: Keglevic, Dina (Doctor of chemical sciences, Senior scientific associate,
Head of radioisotope laboratory)

TITLE: Synthesis and application of sup 14C labelled compounds

SOURCE: Nuklearna energija, no. 2, 1965, 14-16

TOPIC TAGS: carbon compound, radioisotope, chemical labelling, tracer study,
radiation chemistry, biochemistry, organic nitrogen compound

ABSTRACT: In 1954 ^{14C} a radioisotope laboratory was set up at the Ruder Bošković
Nuclear Institute in Zagreb for work on the synthesis and application of sup 14C
compounds. The radioisotope laboratory endeavored to develop its activities in
two directions: work on the synthesis of sup 14C-labeled compounds for the needs
of its own research, and for the needs of other laboratories in the country, and
studies by sup 14C tracer techniques of the metabolism of biologically interesting
compounds. A whole series of labeled compounds, starting with simple sup 14C
compounds with one-carbon molecules was prepared. Thus, from methyl iodide-sup 14
C, by a number of reactions, the following was obtained: L- and D- α -methionine-
methyl-sup 14 C, and L- and D- β -methionine-methyl-sup 14C. From L- α sup 14 CC sub
3 through six reaction stages N-acetyl-DL-serine- β -sup 14 C was synthesized and
Card 1/2

KEGLLVIĆ, Juraj, dipl. inz. (Zagreb)

Comparison of criteria for the use of accumulation basins in hydro-electric power plants. Energija Hrv 13 no.5/6:145-148 '64.

1. Institute of Electric Industries, Zagreb, Proleterskih brigada 37.

RELEASER: BROWET, D.

BROVET, D.

Yugoslavia (430)

Technology

The action of Raney Nickel on some aromatic thioamides.
p. 70, ARHIV ZA KEMIJU, Vol. 20, no. 1-4, 1948.

East European Accessions List, Library of Congress,
Vol. 2, No. 3, March 1953. UNCLASSIFIED.

KELLEVIC, D.

Polyoxo compounds. IV. A synthesis of some $\alpha,\gamma,\delta,\delta'$ -tetraketones. D. Kellevic, M. Malnar, and T. Tomljanović (Univ. Zagreb, Yugoslavia). *Arhiv. kem.* 20, 87-9 (1964) (in English); cf. *C.A.* 62, 2026e; following abstr.— To an ice-cold soln. of 0.2 mole NaOEt in 200 ml. Et₂O a mixt. consisting of 0.2 mole of a Me ketone RCOMe (R is alkyl or aryl), 0.1 mole (CO₂Et)₂ and 100 ml. Et₂O was gradually added during 5 min. with shaking. The mixt. was let stand for 4 days, the sepd. Na salt filtered off, triturated with ice and 20% HCl and the crude RCOCH₂COCOCH₂-COR I crystd. from glacial AcOH to give following pure I (R, m.p., % yield, and m. p. of quinoxaline deriv. given): ρ -C₆H₄Cl₂, 220°/0%; ρ -BrC₆H₄, 217°, 89, 244°; ρ -MeOC₆H₄, 194°, 92, 182°; 1-C₆H₅, 139°, 78, 251°; 2-C₆H₅, 210°, 70, 227°. A mixt. of 55 g. iso-BuCOMe (II) and 32 g. (CO₂Et)₂ was added simultaneously to 10.5 g. Na wire covered with anhyd. Et₂O, the mixt. refluxed 1 hr., then 15 g. fresh II added, the mixt. refluxed again 3 hrs., kept overnight, evapd. *in vacuo* at 40°, the residue (73 g. Na salt of I, R = iso-Bu) finely ground, triturated with 10% HCl at 0°, and crystd. from EtOH to give 50% pure I (R = iso-Bu), m.p. 74-75°; quinoxaline deriv., m. 147°. VI. A syn-

thesis of 1,6-bis(2-thienyl)-1,3,4,6-hexanetetraone. B. Gazzola and S. Ghyzay (Univ. Zagreb, Yugoslavia). *Ibid.* 101-2.—To 100 ml. anhyd. Et₂O were added 4.4 g. Na and 9.2 ml. abs. EtOH; the mlt. let stand 12 hrs., cooled to 0°, a soln. of 28 g. 2-acetylthiophene and 14.6 g. (CO₂Et)₂ in 50 ml. Et₂O added dropwise during 5 min., let stand 2 days, the sepd. Na salt filtered off, and triturated with ice and 10% HCl yielded 25.1 g. 1,6-bis(2-thienyl)-1,3,4,6-hexanetetraone; analytical sample, m. 200-1° (from EtOAc). VII. A note on *syn*-dibenzoylacetone. P. Mildner (Univ. Zagreb, Yugoslavia). *Ibid.* 113-14(1954) (in English).—By condensation of NaCH(NO₂)(CHO)₂ (I) with 1,5-diphenyl-1,3,5-pentanetetraone (II), 4,2,6-O₂N(Bz)₂C₆H₃OH (III) was obtained. A soln. of 2.05 g. I in 50 ml. 0.5N NaOH was added to 5 g. II in 25 ml. EtOH and 10 ml. N NaOH, the mixt. shaken at room temp. 2 hrs., and kept 2 days to yield 4.4 g. Na salt (IV) of III, m. 300° (from EtOH); the filtrate satd. with CO₂ gave 0.75 g. II. A suspension of finely powdered IV in H₂O-CHCl acidified with HCl to pH 3 and extd. 12 hrs. in a continuous extractor with CHCl₃ yielded yellow crystals of III; analytical sample sublimed at 170°/0.02 mm., m. 163° (from CHCl₃-petr. ether). With P₂O₅, soln. in RIOH it gives an orange-red coloration. E.G. (5) *Am*

*V Amino acids. XIII. The reaction of some *N*-acylated β -amino acid esters with the Grignard reagent.* D. Kog, Jeviš (Inst. "Ruder Bošković," Zagreb, Yugoslavia). *Acta Chem. Scand.* 26, 83-7 (1954) (In English); cf. *C.A.* 49, 16737i.

Esters of acylated β -amino acids reacted only slowly with PhMgBr (I) to give substituted amino ketones. To 25 ml. of a satd. soln. of HCl in abs. EtOH 4.5 g. (1/2) β -homoleucine, $\text{Me}_2\text{CHCH}_2\text{CH}(\text{NH}_2)\text{CH}_2\text{CO}_2\text{Et}$ (II), $[\alpha]_D^{25} 23^\circ \pm 1^\circ$ (c 3, H_2O), and 20 ml. abs. EtOH were added, the mixt. refluxed 2 hrs., the EtOH evapd. *in vacuo*, 8 g. fused NaOAc and 12 ml. Ac_2O added, the mixt. kept 30 min. on a steam bath. AcOEt distd. off *in vacuo*, the residue extd. several times with Et_2O , the combined exts. dried, evapd., and the residue distd. to yield 5.3 g. Et ester of II, $b.p. 85-90^\circ$, $[\alpha]_D^{25} -30.3^\circ \pm 1^\circ$ (c 2.3, abs. EtOH). To 5 g. II was added 40 ml. abs. MeOH satd. with HCl , the mixt. kept 30 min., refluxed 30 min., 20 ml. abs. MeOH added, the soln. refluxed again 2 hrs., evapd. *in vacuo*, the residue dissolved in 40 ml. CHCl_3 and dry NH_3 was bubbled *in* for 20 min. under cooling with ice. After filtering off NH_4Cl and washing with CHCl_3 , the soln. was evapd. *in vacuo*, the residue (6 g.) dissolved in 10 ml. dry $\text{C}_2\text{H}_5\text{N}$, 7.5 ml. BzCl followed by 5 ml. $\text{C}_2\text{H}_5\text{N}$ added during 3 min. with cooling and stirring, the mixt. left overnight in an ice-box, a few drops of H_2O added, extd. with Et_2O , the exts. washed with 10% HCl , 10% NaHCO_3 and H_2O , dried, evapd., and the residue distd. to give 6.2 g. $\text{Me}_2\text{CHCH}_2\text{CH}(\text{NH}_2)\text{CH}_2\text{CO}_2\text{Et}$ (III), $b.p. 133-40^\circ$, $[\alpha]_D^{25} -70.1^\circ \pm 1^\circ$ (c 1.05, $\text{C}_2\text{H}_5\text{N}$), $[\alpha]_D^{25} -9^\circ \pm 2^\circ$ (c 2.11, MeOH), $[\alpha]_D^{25} -25.9^\circ \pm 1^\circ$ (c 2.03, MeOH) yielded by Betti's method (*C.A.* 27, 263) 60% 1- $\text{Me}_2\text{CHCH}_2\text{CH}(\text{NH}_2)\text{CH}_2\text{CO}_2\text{Et}$, $m. 192-4$, $[\alpha]_D^{25} -67.9^\circ \pm 1^\circ$ (c 1.324, EtOH). A soln. of 5.7 g. II in 30 ml. dry Et_2O was added during 15 min. to a soln. of 1 g. prep. from 10.5 g. Mg turnings and 76 g. PhP_2 in 170 ml. dry Et_2O , the mixt. refluxed 2 hrs., Et_2O evapd. *in vacuo*, 1.75 ml. $\text{C}_2\text{H}_5\text{N}$ added, the mixt. refluxed 2 hrs., $\text{C}_2\text{H}_5\text{N}$ distd. off, extd. dissolved by addn. of 100 g. ice and dil. HCl , extd. several times with $\text{C}_2\text{H}_5\text{N}$, then with Et_2O . The aqueous phase was washed with H_2O , dried, evapd. *in vacuo*, the residue was steam distilled *in vacuo* for 10 hrs. to remove Et_2O and the remaining brown oil fractionated. The fraction $b.p. 125-68^\circ$ (5.0 g.) was chromatographed in $\text{C}_2\text{H}_5\text{N}$ soln. on alumina to yield 33.67% (4.4 g.) of III, $\text{Me}_2\text{CHCH}_2\text{CH}(\text{NH}_2)\text{CH}_2\text{CO}_2\text{Et}$, $\text{C}_12\text{H}_{18}\text{N}_2\text{O}_4$, cry. add. from $\text{C}_2\text{H}_5\text{N}$ petr. ether and sublimed at $60^\circ/0.02$ mm., m. 111-12 $^\circ$, $[\alpha]_D^{25} -55.2^\circ \pm 2^\circ$ (c 1.31, $\text{C}_2\text{H}_5\text{N}$); semicarbazone, m. 235-7 $^\circ$. A soln. of 5.3 g. III, $\text{NHCH}_2\text{CH}_2\text{CO}_2\text{Et}$ in 30 ml. Et_2O added gradually with cooling to a soln. prep. from 10.5 g. Mg and 47 g. PhP_2 in 115 ml. Et_2O gave nearly, omitting the fractionation, 1.5 g. $\text{BzNHCH}_2\text{CH}_2\text{C}(\text{OH})\text{Ph}_2$, $m. 143-50^\circ$, and 1.1 g. $\text{BzNHCH}_2\text{C}_6\text{H}_5\text{Bz}$, $m. 22-3^\circ$ (semicarbazone, m. 182-3 $^\circ$).

116-1 - 14 - CROVET

YUGOSLAVIA / Organic Chemistry. Synthetic Organic
Chemistry.

G

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61045.

Author : D. Keglevic-Brovet, S. Kveder, S. Iskric.

Inst : =

Title : The Synthesis of ^{14}C Labelled Serotonin [2-(5'-hydroxy-indolyl-3')-ethylamine-1 ^{14}C].

Orig Pub: Croat. chem. acta, 1957, 29, No 3-4, 351-355.

Abstract: With a view to study the metabolism, serotonin- C^{14} (I) was synthetized by the interaction of 5-benzyl-oxygramine sulfomethylate (II) with NaC^{14}N , the reduction of 2-(5'-benzyloxyindolyl-3')-acetonitrile-[1- C^{14}] (III) with LiAlH_4 to amine (IV) and

Card 1/4

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721420008-7"

YUGOSLAVIA / Organic Chemistry. Synthetic Organic
Chemistry.

G

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61045.

Abstract: the debenzylization of IV to I. I was separated as a complex with creatinine sulfate. 1.1 mmole of 5-benzyloxygramine in 2.5 ml of water and peroxide-free tetrahydrofuran (V) acidified with 1 drop of glacial CH_3COOH is added drop by drop at 0° in the duration of 20 min. to 0.5 ml of $(\text{CH}_3\text{O})_2\text{SO}_2$, 0.5 ml. of water-free V and 1 drop of glacial CH_3COOH , the mixture is stirred, and 12 hours later (0°) the yield of II is 98 to 100%. 1 mmole of NaC^{14}N (with an excess of 0.75 mole of NaOH), of radio-activity $a = 1$ mcurie, in 3 ml of water is added to the solution of 1.1 mole of II in 4 ml of water (without CO_2), the mixture is neutralized with 1 n. H_2SO_4 to $\text{pH} = 11.9$, heated 2.5 hours at 70 to 75°, and 4 hours later (20°) it is extracted with

Card 2/4

KEGLEVIC, D; LADESIC, B.

The synthesis of some optically active 5, 6-dihydrouracils. In English.
p. 47.

CROATICA CHEMICA ACTA. (Hrvatsko hemijsko drustvo, Sveuciliste u Zagrebu i
Hrvatsko prirodoslovno drustvo) Zagreb, Yugoslavia. Vol. 31, no. 2, 1959.

Monthly List of East European Accessions (EEAI), I.C, Vol. 9, no. 2, 1960.
Uncl.

KEGLEVIC, D. : LADESCIC, B.

The resolution of β -amino- γ -methylsulfinylbutyric acid (β -methionine sulfoxide) into four optical isomers. In English. p. 57.

CROATICA CHEMICA ACTA. (Hrvatsko kemijsko drustvo, Sveuciliste u Zagrebu i Hrvatsko prirodoslovno drustvo) Zagreb, Yugoslavia. Vol. 31, no. 2, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 9, no. 2, 1960.
Uncl.

KEGLEVIC, D. (Zagreb); LEONHARD, B. (Zagreb)

A note on the synthesis of 1-naphthyl-¹⁴C-isocyanate and ethyl
 β -[3-(1'-naphthyl)-ureido-2-¹⁴C] butyrate. Croat chem acta
33 no.3:149-150 '61.

1. Tracer Laboratory, Institute "Ruder Boskovic," Zagreb,
Croatia, Yugoslavia. 2. Secretary of the Editorial Board,
"Croatica chemica acta, Arhiv za kemiju" (for Keglevic).

KORNHAUSER, A.; KEGLEVIC, D.; HADZIJA, O.

Diacetamides. Note II. Croat chem acta 34 no.3:167-174 '62.

1. Tracer Laboratory, Institute "Ruder Boskovic", Zagreb, Croatia, Yugoslavia. 2. Clan i tajnik Redakcionog odbora, "Croatica Chemica Acta" (for Keglevic).

KEGLEVIC, Dina; LEONHARD, B.

Aminoacetals. Syntheses of N,N-disubstituted 4-amino-2-butynal- and 4-aminobutanal- acetals. Croat chem acta 35 no.3:175-181 '63.

1. Tracer Laboratory, Institute "Ruder Boskovic", Zagreb, Croatia, Yugoslavia. 2. Secretary and Member of the Editorial Board, "Croatica Chemica Acta" (for Keglevic).

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721420008-7^{b-5}

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 76425.

Author : Keglevich, L.

Inst : Not given.

Title : X-ray Analysis of the Crystal Structure of
 $\text{BaS}_2\text{O}_3 \cdot \text{H}_2\text{O}$.

Orig Pub: Magyar tud Akad Kem tud oszt koezl, 10, No 1,
79-81 (1958) (in Hungarian).

Abstract: X-ray analysis has given the following values
for $\text{BaS}_2\text{O}_3 \cdot \text{H}_2\text{O}$ crystals: a 20.1, b 7.18, c 7.37A;
Z=8; space group Pbcn.

KEGLEVICH, L.

A method for evaluating the probability distribution of x-ray intensities in the case of non-ideally statistical substances. L. Keglevich (L. Egyetem Univ., Budapest). *Acta Chim. Acad. Sci. Hung.* 19, 469-72 (1959).—The symmetry of a substance is decided by comparison of the exptl. curve with a curve from a substance of similar compn. whose symmetry is known. This method is advantageous when a family of compds. is examd. having almost the same compn. but differing by a single atom or radical. The symmetry of $\text{Sr}_2\text{S}_2\text{O}_8 \cdot 5\text{H}_2\text{O}$ was detd. with $\text{Na}_2\text{S}_2\text{O}_8 \cdot 5\text{H}_2\text{O}$ and $\text{Ba}_2\text{S}_2\text{O}_8 \cdot 5\text{H}_2\text{O}$ as the comparison substances. The results are confirmed by morphological examn. G. A. Pearce, Jr.

3

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WIL

YFOLEVITCH, I.

"Intensity statistics in the investigation of X-ray fine structure."
p. 81.

MACYAR FIZIKAI FOLYOIRAT. (Magyar Tudomanyos Akademia). Budapest, Hungary,
Vol. 7, No. 1, 1959.

Monthly list of East European Accessions (FFAI), LC, Vol. 3, No. 8, August
1959.
Uncla.

KEGLEVICH, L.

Investigation methods and application of intensity statistics. p.145
MAGYAR FIZIKAI FOLYOIRAT. Budapest, Hungary. Vol. 7, No. 2, 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959

Uncl.

KEGLIN, B.G., aspirant

Calculating relaxation vibrations caused by an impact against
a friction shock absorber. Izv.vys.ucheb.zav.; mashinostr.
no.4:117-127 '62. (MIRA 15:7)

1. Bryanskij institut transportnogo mashinostroyeniya.
(Shock absorbers--Vibration)

NIKOL'SKIY, L.N., doktor tekhn. nauk, prof.; SELINOV, I.V., kand. tekhn. nauk; KEGLIN, B.G., inzh.

Work of friction materials in a shock absorber. Vest. mashinostr. 43 no.10:33-37 0 '63. (MIRA 16:11)

KOGLIN, B.G.; KHRAPOV, B.I.

Temperature measurement at a certain point of the surface in
nonstationary friction. Zav. lab. 30 no.8;968-969 '64.

(MIRA 18:3)

1. Bryanskij institut transportnogo mashinostroyeniya.

L 23582-56 EMP(e)/EMT(m)/EMP(w)/EMP(t)/EMP(k) IJP(c) JD/DI
ACC NR: AP6012769

SOURCE CODE: UR/0226/66/000/004/0030/0033

AUTHOR: Keglin, B. G. (Bryansk, Moscow); Migunov, V. P. (Bryansk, Moscow);
Shadskeya, N. G. (Bryansk, Moscow) *44B*

ORG: none

TITLE: Development and investigation of sintered friction alloys for shock absorbers *18*

SOURCE: Poroshkovaya metallurgiya, no. 4, 1966, 30-35

TOPIC TAGS: metal friction, friction coefficient, powder metal property, sintered metal alloy, shock absorber *18*

ABSTRACT: The authors investigated the properties of the FMK-11 friction pair steel--powdered metal. The faults of this pair are revealed: They consist of a decrease in the friction coefficient after a long break in operation. The causes of the instability of the friction properties of the pair are ascertained. The technology of manufacturing sintered elements for automatic coupling is described and conclusions are drawn as to the advantages of this friction material for use in shock absorbers. Orig. art. has: 1 figure and 1 table. [Based on author's abstract] *18* [AM]

SUB CODE: 11,13/ SUBM DATE: 22Jun65/ ORIG REF: 005/ OTH REF: 002/

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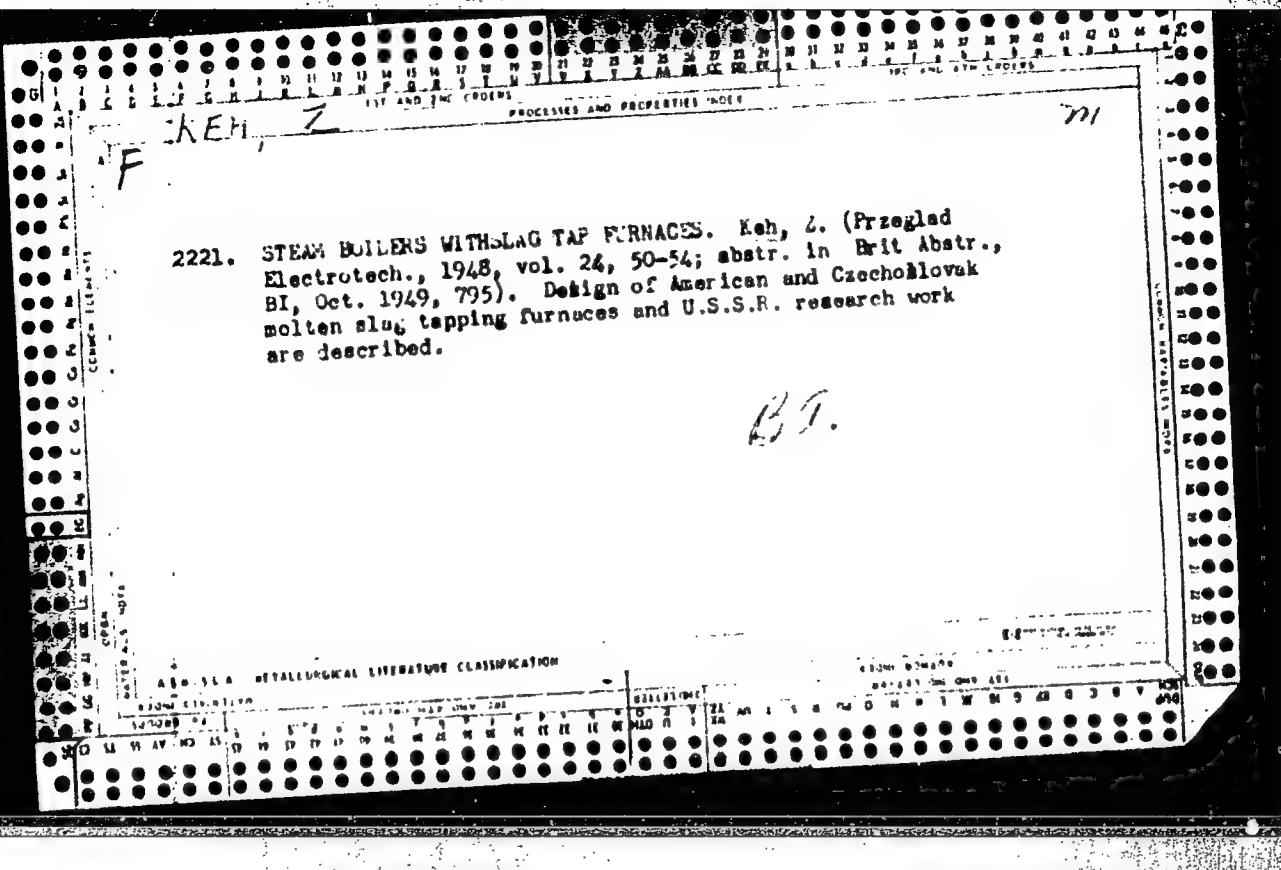
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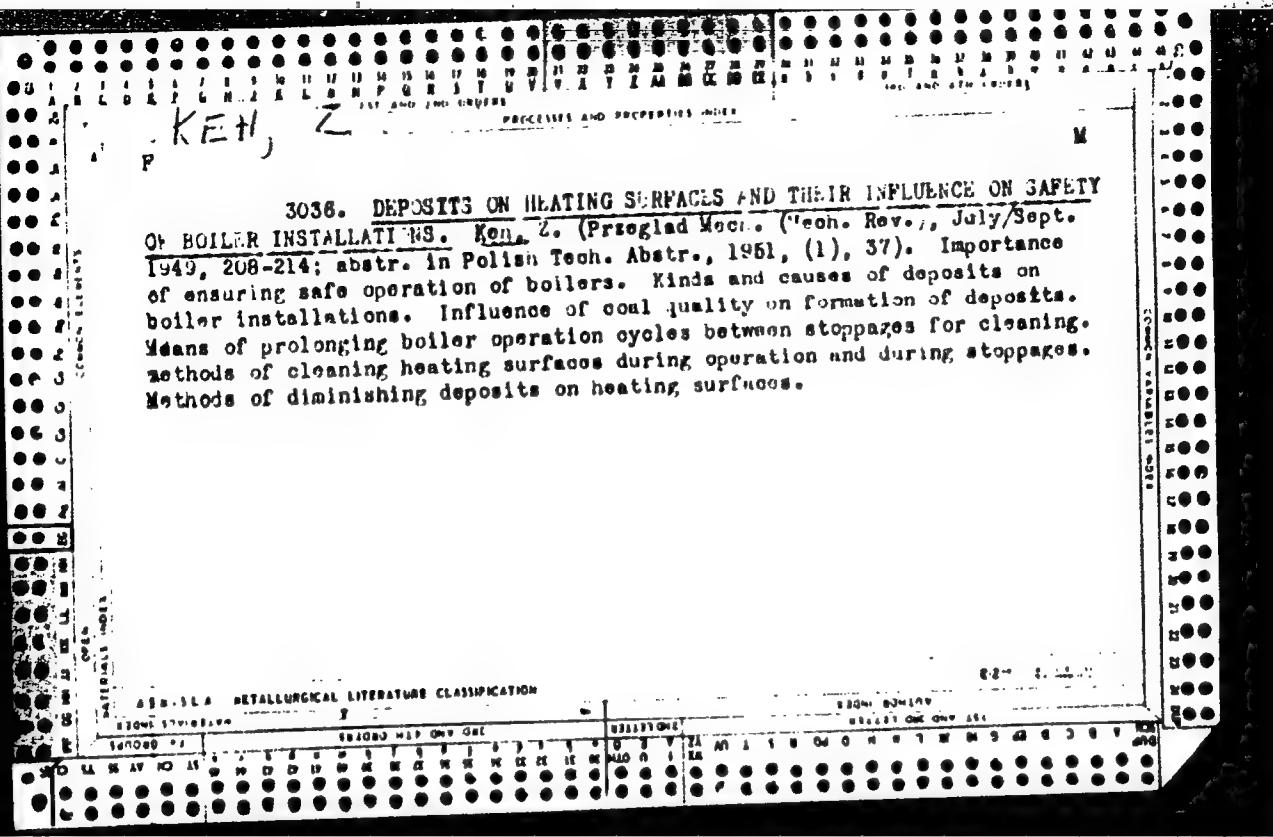
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